

WHAT IS CLAIMED IS:

1 1. A system for managing data associated with assets,
2 said system comprising:

3 a management computing system including a first
4 computing unit for processing a first data set of the data, a
5 first storage unit coupled to said first computing unit and
6 having at least one database stored thereon for maintaining the
7 first data set, and a first transceiver coupled to said first
8 computing unit for communicating the first data set;

9 a wireless device coupled to an asset and including a
10 second computing unit for processing a second data set of the
11 data, a second storage unit coupled to said second computing
12 unit and having at least one database stored thereon for
13 maintaining the second data set, and a second transceiver
14 coupled to said second computing unit for communicating the
15 second data set; and

16 an infrastructure device including a third computing
17 unit for processing a third data set of the data, a third
18 storage unit coupled to said third computing unit and having at
19 least one database stored thereon for maintaining the third data
20 set, and at least one third transceiver coupled to said third

21 computing unit for communicating the first and third data sets
22 with said first transceiver and the second and third data sets
23 with said second transceiver, said at least one third
24 transceiver being operable to communicate independently with
25 each of said first and second transceivers.

1 2. The system according to claim 1, wherein the
2 communication between the (i) first and third, and (ii) second
3 and third transceivers are asynchronous.

1 3. The system according to claim 1, wherein the second
2 transceiver is a wireless transceiver.

1 4. The system according to claim 1, wherein said wireless
2 device is an asset communicator.

1 5. The system according to claim 1, wherein the data sets
2 include a temporal identifier.

1 6. The system according to claim 1, wherein the assets
2 include at least one of the following: military, commercial,
3 and personal equipment.

1 7. The system according to claim 6, wherein the
2 commercial equipment includes at least one of the following:
3 factory vehicles, automobiles, trucks, aircraft servicing
4 equipment, boats, airplanes, and machinery.

1 8. The system according to claim 1, wherein the assets
2 include at least one of fixed and mobile assets.

1 9. The system according to claim 1, wherein the second
2 data set is a subset of the first and third data sets.

1 10. A method for managing data associated with assets,
2 said method comprising:

3 storing and processing a first data set of the data on
4 a first computing system;

5 storing and processing a second data set of the data
6 on a second computing system coupled to an asset;

7 communicating the first and third data sets between
8 the first and third computing systems;

9 communicating the second and third data sets between
10 the second and third computing systems; and

11 communicating between the first and third computing
12 systems independently of communicating between the second and
13 third computing systems.

1 11. The method according to claim 10, wherein the
2 communication between the (i) first and third, and (ii) second
3 and third transceivers are asynchronous.

1 12. The method according to claim 10, wherein the second
2 transceiver is a wireless transceiver.

1 13. The method according to claim 10, wherein said
2 wireless device is an asset communicator.

1 14. The method according to claim 10, wherein the data
2 sets include a temporal identifier.

1 15. The method according to claim 10, wherein the assets
2 include at least one of the following: military, commercial,
3 and personal equipment.

1 16. The method according to claim 10, wherein the
2 commercial equipment includes at least one of the following:
3 factory vehicles, automobiles, trucks, aircraft servicing
4 equipment, boats, airplanes, and machinery.

1 17. The method according to claim 10, wherein the assets
2 include at least one of fixed and mobile assets.

1 18. The method according to claim 10, wherein the second
2 data set is a subset of the first and third data sets.

1 19. A system for managing data associated with assets,
2 said system comprising:

3 means for storing and processing a first data set of
4 the data on a first computing system;

5 means for storing and processing a second data set of
6 the data on a second computing system coupled to an asset;

7 means for communicating the first and third data sets
8 between the first and third computing systems;

9 means for communicating the second and third data sets
10 between the second and third computing systems; and

11 means for communicating between the first and third
12 computing systems independently of communicating between the
13 second and third computing systems.

1 20. The system according to claim 19, wherein the assets
2 are at least one of mobile and fixed.